Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031312.D
Acq On : 18 Apr 2019 17:18
Operator : JC/SP
Sample : K2451-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAMX0

Quant Time: Apr 19 05:26:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191708	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86014	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	98656	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.68	69	81748	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.27	63	150890	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.20	46	210697	50.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.98%			
24) Chloroform-d	4.64	84	135506	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.31	65	75752	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.34	84	254146	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.33	67	84095	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.56	98	212202	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.85	79	37973	5.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 112.80%			
46) 2-Hexanone-d5	8.32	63	155055	49.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70208	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	95042	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	47761	2.166	ug/L	100
9) Trichlorofluoromethane	1.88	101	26827	0.702	ug/L	97
13) Acetone	2.34	43	17959	3.907	ug/L	97
19) 1,1-Dichloroethane	3.44	63	12549	0.414	ug/L	95
34) Trichloroethene	6.18	95	35508	2.016	ug/L	94
47) Tetrachloroethene	8.22	164	136429	10.394	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : YAMX0

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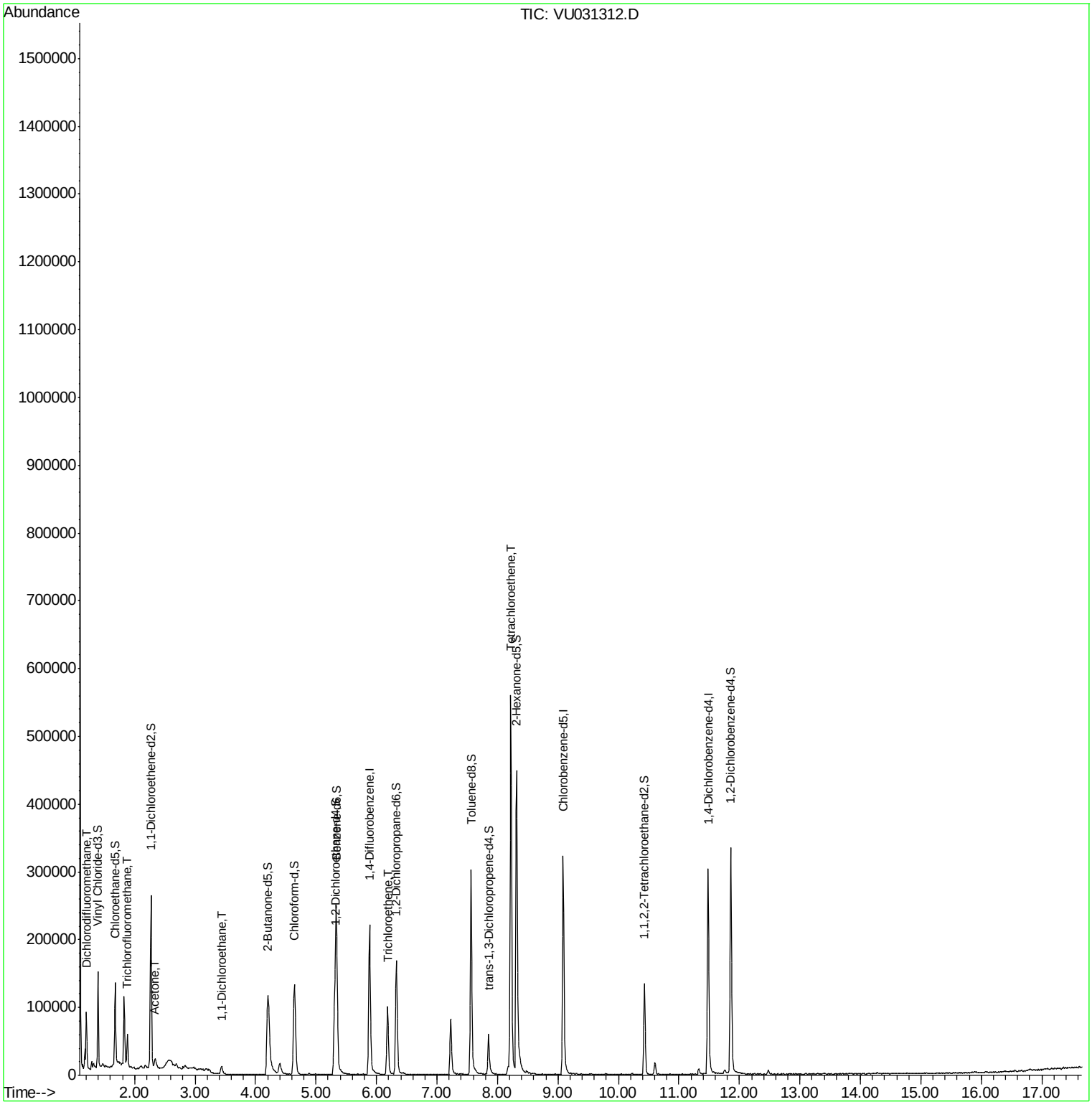
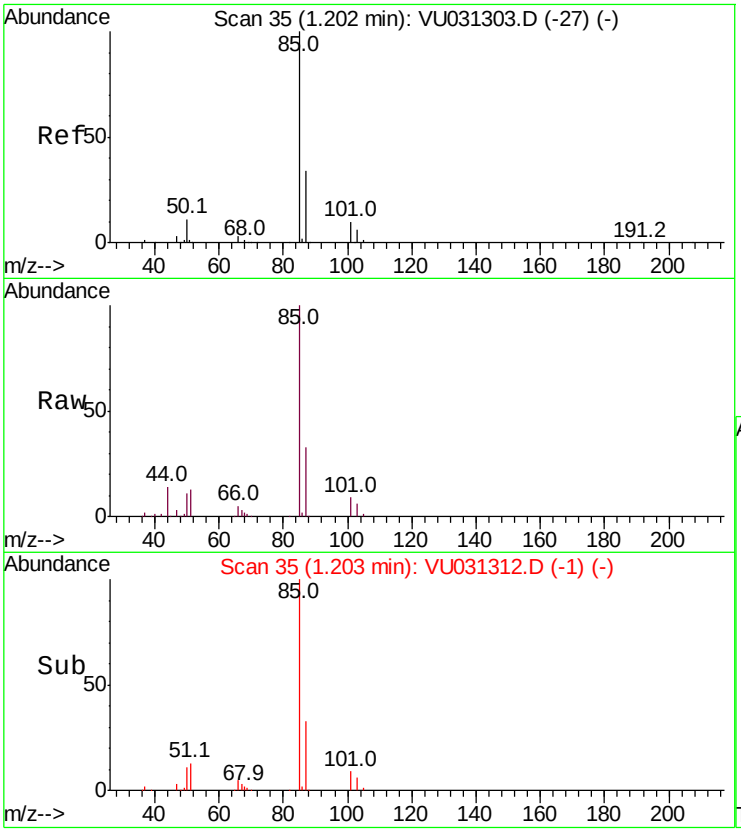


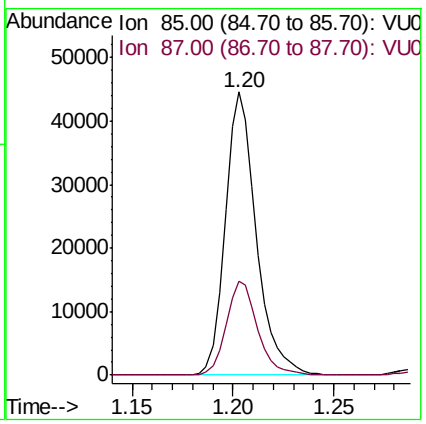


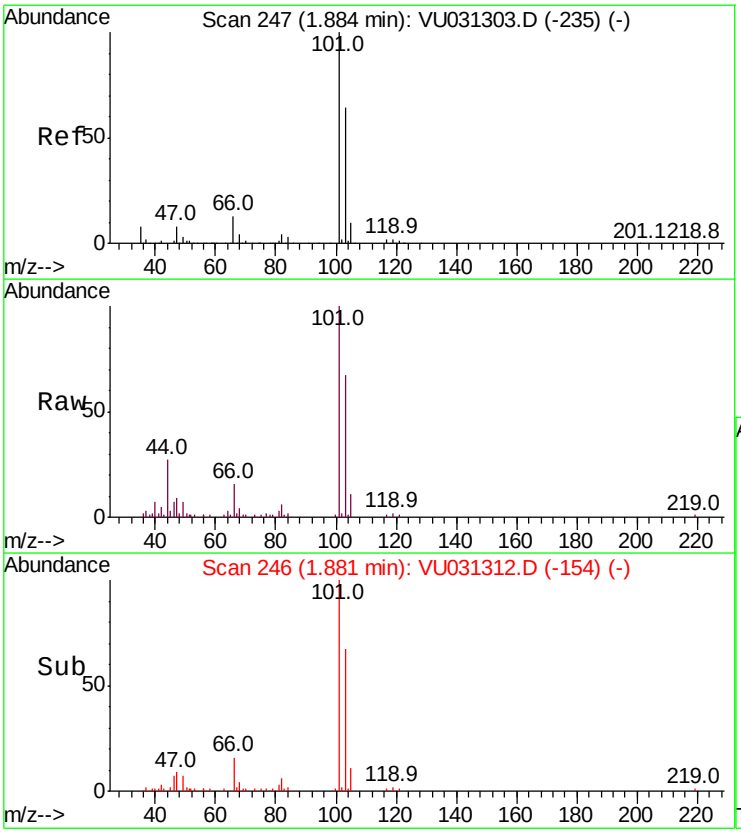
#2
Dichlorodifluoromethane
Concen: 2.166 ug/L
RT: 1.20 min Scan# 35
Delta R.T. 0.00 min
Lab File: VU031312.D
Acq: 18 Apr 2019 17:18

Instrument : MSVOA_U
ClientSampleId : YAMX0

Tgt Ion: 85 Resp: 47761

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.8	40.2

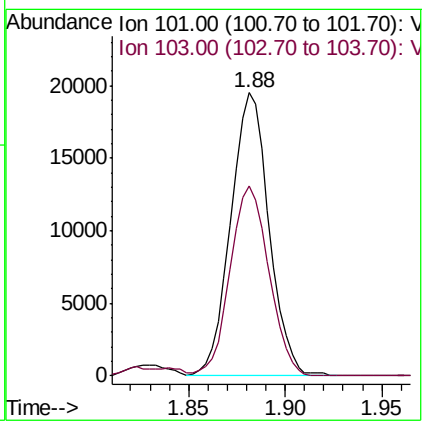


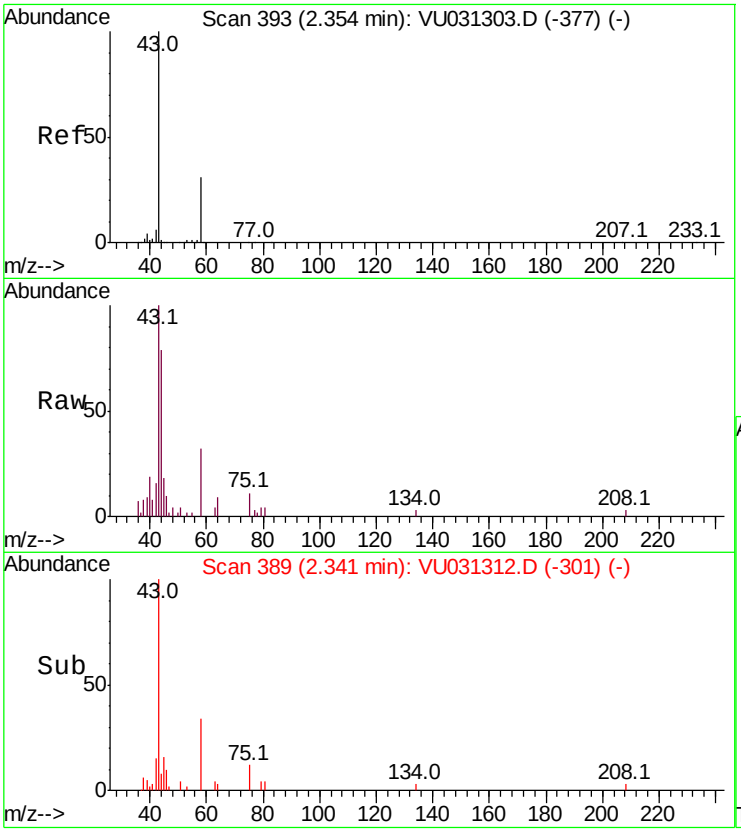


#9
Trichlorofluoromethane
Concen: 0.702 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031312.D
Acq: 18 Apr 2019 17:18

Tgt Ion:101 Resp: 26827

Ion	Ratio	Lower	Upper
101	100		
103	67.9	52.3	78.5



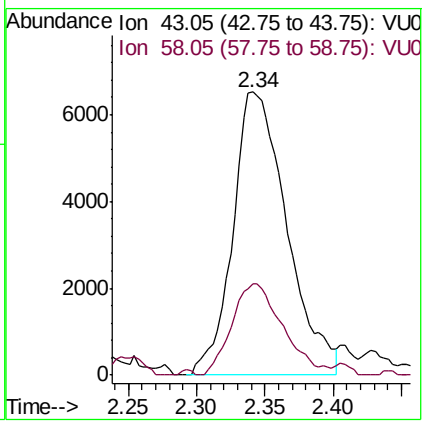


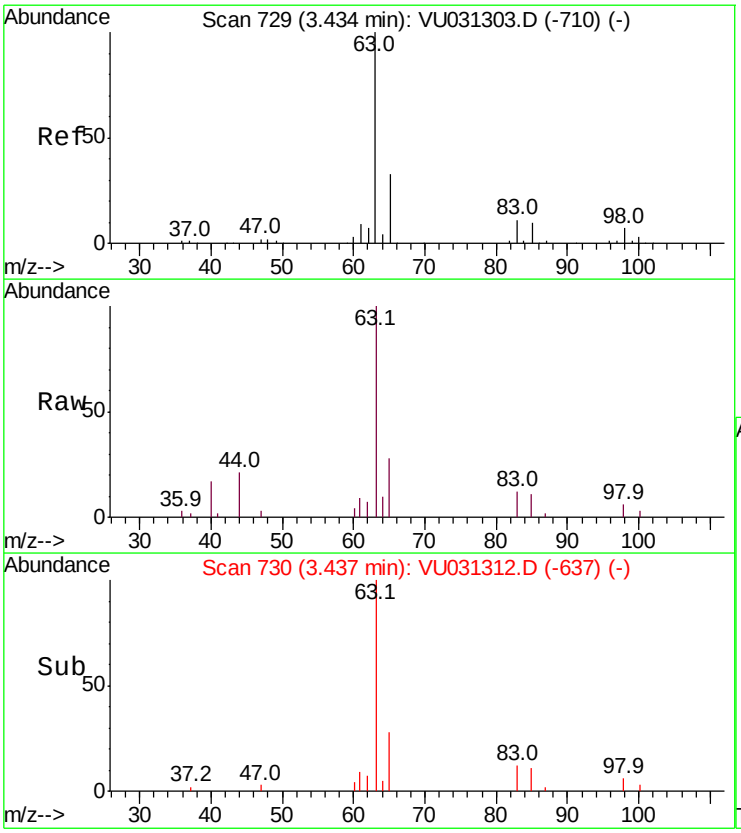
#13
Acetone
Concen: 3.907 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU031312.D
Acq: 18 Apr 2019 17:18

Instrument :
MSVOA_U
ClientSampleId :
YAMX0

Tgt Ion: 43 Resp: 17959

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	64.4

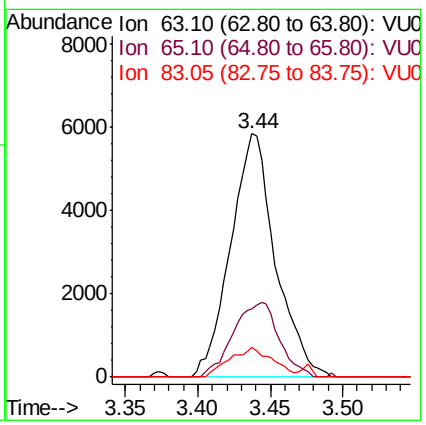


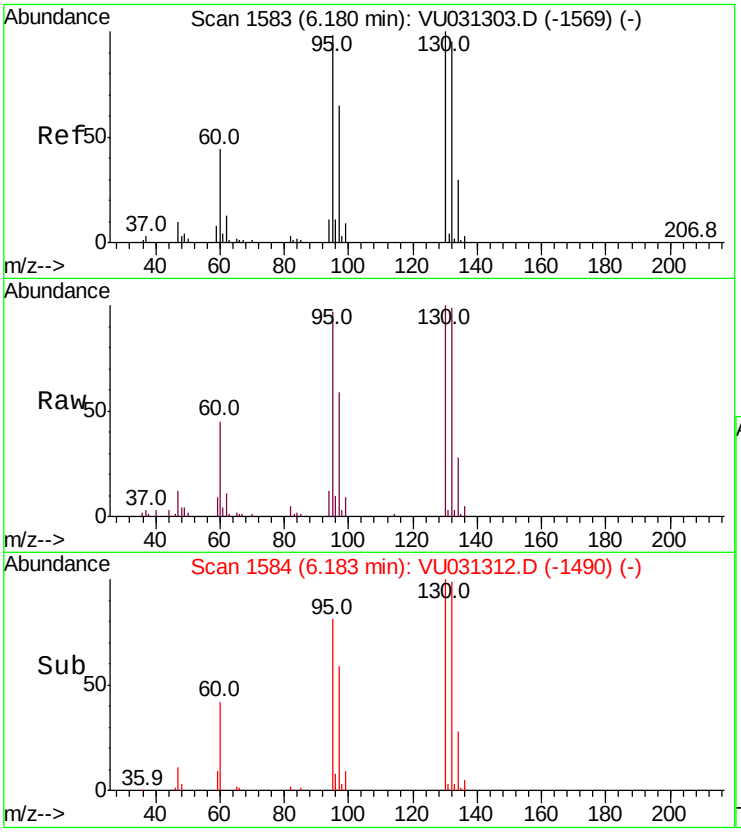


#19
1,1-Dichloroethane
Concen: 0.414 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU031312.D
Acq: 18 Apr 2019 17:18

Tgt Ion: 63 Resp: 12549

Ion	Ratio	Lower	Upper
63	100		
65	28.2	22.0	41.0
83	12.1	9.2	17.2



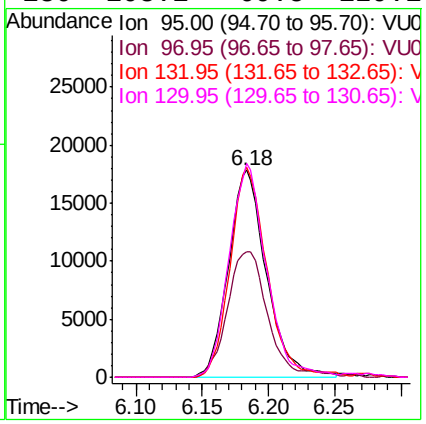


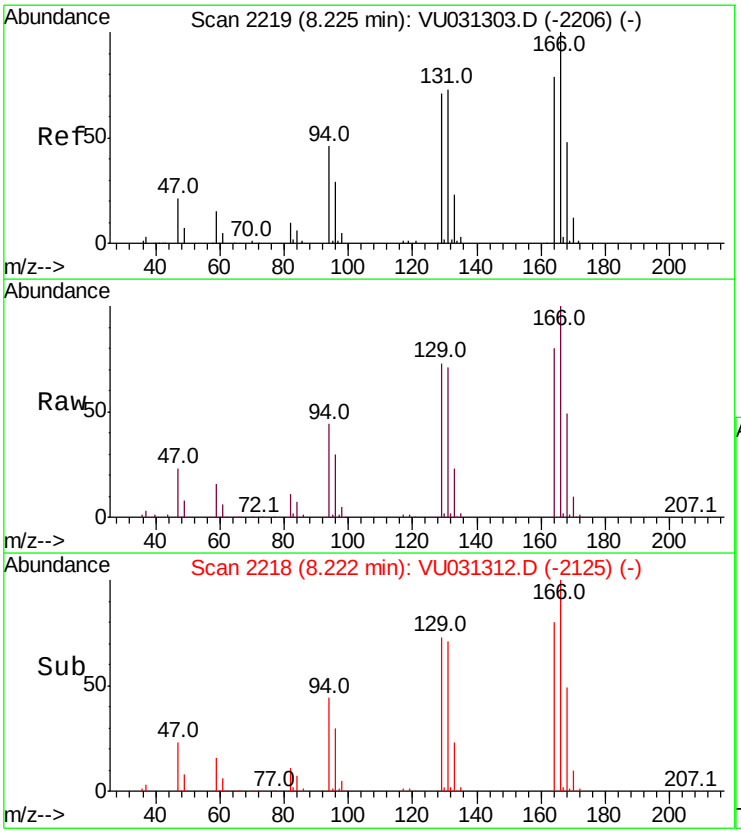
#34
Trichloroethene
Concen: 2.016 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031312.D
Acq: 18 Apr 2019 17:18

Instrument : MSVOA_U
ClientSampleId : YAMX0

Tgt Ion: 95 Resp: 35508

Ion	Ratio	Lower	Upper
95	100		
97	60.8	46.8	86.8
132	101.6	65.8	122.2
130	103.1	69.5	129.1





#47
Tetrachloroethene
Concen: 10.394 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031312.D
Acq: 18 Apr 2019 17:18

Tgt Ion:164 Resp: 136429

Ion	Ratio	Lower	Upper
164	100		
129	92.2	61.9	114.9
131	89.0	61.5	114.3
166	125.6	84.6	157.0